

7. (Amended) The method as set forth in claim 6, wherein said two light beams are generated by two light sources located juxtaposed or nested.

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8. (Amended) The method as set forth in claim 1, wherein several light marks are generated in sequence on said surface by said referencing light beam, while the position of said generated light marks is detected all the time, i.e. in particular until a sufficient number of positional data for determining said spatial position has been acquired.

9. (Amended) The method as set forth in claim 1, wherein either the camera arrangement or said body part to be referenced is moved during referencing so that camera shades are eliminated, a relative movement of said body part being tracked in said navigation system by means of a marker array fixedly positioned relative to said body part.

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13. (Amended) The apparatus as set forth in claim 11, wherein said light beamer beams a second beam of visible light, aimed substantially at said same target area as that of said invisible referencing light beam, a visible light reflection being generated in addition on said surface.

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15. (Amended) The apparatus as set forth in claim 13, wherein the light sources for said beams are unified into a single light source or are two juxtaposed or two nested light sources.

16. (Amended) The apparatus as set forth in claim 10, wherein it comprises a marker array, fixedly positioned relative to said body part, by means of which a relative movement between said body part to be referenced and said camera arrangement is tracked to eliminate camera shades during referencing.